

ARBITRAGE CONTROL SYSTEM FOR  
TWO OR MORE AVAILABLE POWER SOURCES

ABSTRACT

The present invention provides an arbitrage control system for two or more available  
5 power sources (106, 108) that enables the automatic or manual control of one or more multi-  
source systems (202) to take advantage of price differentials across commodities, locations  
and/or time. The present invention selects a power source for a device or delivery point  
(110) from two or more available power sources (106, 108) by analyzing market and  
operational data (406). A power source (106 or 108) for the device or delivery point (110) is  
10 then selected from the two or more available power sources (106, 108) based on a set of  
financial parameters (408). If the device or delivery point (110) is not already connected to  
the selected power source, one or more signals are sent (418) to switch the device or delivery  
point (110) to the selected power source. The arbitrage controller (102) includes a user  
interface (300), market interface (302), multi-source interface (304), database (306) and  
15 processor (308). The processor (308) is communicably coupled to the user interface (300),  
the market interface (302), the multi-source interface (304) and the database (306).